AudioSystem

EWS88D
Advanced Digital Audio Tool

AudioSystem EWS88 D – Advanced Digital Audio Tool

While based on the technology used in the AudioSystem EWS88 MT, the "D" model provides 10 digital audio channels. The optical TOS-Link interface (light pipe) can handle either 8 channels in ADATTM format, or a stereo S/PDIF signal (up to 24-bit and 96kHz). In addition to standard 16- and 20-bit, state of the art 24-bit resolutions can also be transferred. Also, 2 independent MIDI ports and an S/PDIF interface with coaxial connections (up to 24-bit and 96 kHz) is available to which the ADATTM signal can be routed or mixed – the EWS88 D can thus also serve as a converter and/or down-mixer.

Even cascading the EWS systems under one another is possible without a problem. The number of simultaneously available inputs and outputs can thus be increased by the use of up to three additional EWS systems with EWS-Connect. An internal connection guarantees the sample-exact synchronization of all the cards at any time.

Of course, the card can also be synchronized with a WordClock signal by the TerraTec EWS ClockWork module. This makes the AudioSystem EWS88 D an ideal complement to a digital project studio.

The AudioSystem EWS88 D works straight away with all common audio applications under Windows 95/98 and NT. Drivers for these operating systems are included, as well as support for Steinberg's ASIO 2.0 technology, Microsoft's DirectSound, MME and Nemesys GigaSampler GSIF. And here, too, its uniqueness lies in the details, because the drivers are capable of transmitting 24-bit audio data to the audio software used as a 32-bit data stream. This feature noticeably unburdens the main processor, because unlike with the common packed-byte process, the 24-bit data does not have to first be stacked several times before being transmitted through the 32-bit wide bus.

The software provided leads you directly to the goal of your audio dreams: the expansive control panel permits the routing of the different signal sources and allows synchronization and driver settings. Included in the package: EMAGICs LOGIC 4 for creative music processing with the EWS. In addition, there is SEK'D's popular audio editor Samplitude in a specially adapted version – Mastering features like de-noiser, multiband-EQ and hum compressor included!

TerraTec EWS88 D – . Pure sound

TERRATEC®

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Technical Details:

General

- PCI board
- 10 digital inputs and outputs in total
- Simultaneous recording and playback of up to 20 channels in 24-bit/96 kHz
- 8 digital input and output channels in ADATTM format (optical TOS-Link)
- 16-, 20- and 24-bit processing of the ADATTM signal with up to 48 kHz sampling rate
- Variable sampling rate of the ADATTM input signal up to 52 kHz
- Optical input and output can also be switched to S/PDIF format (up to 24-bit and 96kHz)
- Additional digital stereo input and output (S/PDIF, coaxial, up to 24-bit and 96 kHz)
- 20 channel mixer with 36-bit internal resolution
- Busmaster transfer supports '24-bit 4-byte mode' (32-bit) to reduce processor loads
- VU meter in ControlPanel (visualized via software)
- EWS-Connect*
- Non-Audio mode: AC3 streams can be transmitted through the digital outputs
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- Analog stereo output (SystemSound out) with 18-bit converter and up to 48 kHz,
- (3.5 mm jack) for MME and DirectSound
- Two internal stereo inputs with up to 16 bit and 48 kHz (Molex) **
- 2 separate MIDI interfaces (splitter cable)

Software

- Driver for Windows 95/98 and Windows NT
- Driver for ASIO2.0 and Nemesys GigaSampler (GSIF)
- MME and DirectSound support
- ControlPanel for Windows 95/98 and Windows NT
- Emagics MicroLogic
- SEK'Ds Samplitude Project

System Requirements

- Pentium 200 MMX or faster
- VGA with a resolution of 800x600 and 256 colors
- 32MB RAM
- Windows95, 98 or Windows NT4

System Recomandation

- Intel Pentium II 400 or AMD K7 500 Athlon CPU
- ULTRA DMA or SCSI onboard controller
- VGA with a resolution of 1024x768 and HiColor
- 128 MB RAM
- Windows 98 (SE) /ME, Windows NT4/2000

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*) EWS audio systems with "EWS-Connect" can be linked and synchronized with one another. Up to 4 systems are possible in one PC by using the same driver and ControPanel.

* *) These inputs can only be monitored using the SystemSound outputs.

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Warranty: 24 month

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